		
Notice of Allowability	Application No.	Applicant(s)
	10/695,449	COHEN ET AL.
	Examin r	Art Unit
	Dang T. Nguyen	2824
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in the bijor other appropriate communi RIGHTS. This application is sub	nis application. If not included cation will be mailed in due course. THIS
1. \boxtimes This communication is responsive to <u>Applicant's Argument</u>	nt filed on 7 May 2006.	
2. The allowed claim(s) is/are <u>1-17</u> .		
3. Acknowledgment is made of a claim for foreign priority to a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies of the priority documents have 1. Certified copies not received: * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a)). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2(a). * Certified copies of the priority documents have 2.2	ve been received. ve been received in Application occuments have been received in Application occuments have been received in a second occuments have been received in a second occuments have been received in a second occuments of this application. mitted. Note the attached EXAM wes reason(s) why the oath or do not the submitted. rson's Patent Drawing Review (r's Amendment / Comment or in a second occupance of the second of the header according to 37 CFR mosit of BIOLOGICAL MATER	No In this national stage application from the reply complying with the requirements INER'S AMENDMENT or NOTICE OF eclaration is deficient. PTO-948) attached the Office action of drawings in the front (not the back) of 1.121(d). RIAL must be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB. Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material) 6. ☐ Interview Sum Paper No./Mi /08), 7. ☐ Examiner's Ar	ail Date mendment/Comment atement of Reasons for Allowance history. RICHARD FI MS
U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05)	Notice of Allowability	SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800 Part of Paper No./Mail Date 20060628

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Response to Amendment

This office action is in response to applicant's amendment received on 5/07/06.
 Claims 1 – 17 are pending on this application. Claims 1 and 15 are independent claims.

Allowable Subject Matter

- 2. Claims 1 17 are allowed.
- 3. The following is an examiner's statement of reasons for allowance:

With respect to claims 1 and 15, the prior art of record disclose if all memory cells selected to store the first set of data bits have reached or exceeded the first predetermined threshold voltage level, and determines whether any memory cell has reached or exceeded a second predetermined threshold voltage level and inhibits programming of any memory cell that has reached or exceeded the second predetermined threshold voltage level and continues programming of uninhibited memory cells. However, the prior art fails to teach applying to a terminal of two or more cells in the first set of cells second phase programming pulse adapted to induce relatively greater threshold voltage changes in cells having less stored charge than in cells having relatively more stored charge.

Dependent claims 2 – 14 and 16 – 17 are allowed based on the allowance of the respective independent claims 1 and 15 above.

4. The prior art made of record and considered pertinent to the applicant's disclosure does not teach or suggest the claimed limitations. Lutze et al., taken individually or in combination, do not teach the claimed invention of applying the second

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phase programming pulses on two or more cells in the first set of cell to induce relatively greater threshold voltage changes in cells having less stored charge than in cells having relatively more stored charge, in combination with other limitations.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Prior art

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lutze et al. Pub. No. US 2005/0128810 A1 Pub. Date: June 16, 2005

Contact Information

8. Any inquiry concerning this communication from the examiner should be directed to Dang Nguyen, who can be reached by telephone at (571) 272-1955. Normal contact times are M-F, 8:00 AM - 4:30 PM.

Upon an unsuccessful attempt to contact the examiner, the examiner's supervisor, Richard Elms, may be reached at (571) 272-1869.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist, whose telephone number is (703) 305-3900. The faxed phone number for organization where this application or

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proceeding is assigned is (703) 872-9306.

Information regarding the Status of an application may be obtained from the patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or EBC@uspto.gov.

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